

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

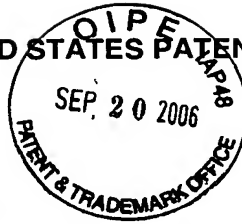
In re Patent Application of

Jung-hoe Kim et al.

Application No.: 10/734,160

Filing Date: December 15, 2003

Title: METHOD AND APPARATUS FOR
ENCODING AND/OR DECODING
DIGITAL DATA USING BANDWIDTH
EXTENSION TECHNOLOGY



Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: 2075

**SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL AND ROONEY PC

Date

Sept 20, 2006

By:

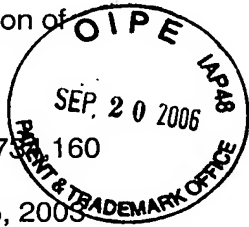
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Attorneys & Government Relations Professionals

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Jung-hoe Kim et al.)	Group Art Unit: Unassigned
Application No.: 10/751,160)	Examiner: Unassigned
Filed: December 15, 2003)	Confirmation No.: 2075
For: METHOD AND APPARATUS FOR)	
ENCODING AND/OR DECODING)	
DIGITAL DATA USING BANDWIDTH)	
EXTENSION TECHNOLOGY)	



SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

This Information Disclosure Statement contains information which is not in the English language but was cited in a search report or other action by a foreign patent office in a counterpart foreign application. In accordance with MPEP § 609 III A(3), an English language version of the search report or action which indicates the degree of relevance found by the foreign office is being submitted herewith. Specifically, an English-language version of a First Official Action issued by the State Intellectual Property Office of P.R. China in corresponding Chinese Application No. 031648975 is submitted.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

Two of the documents submitted are not in English. The following comments are offered with regard to these non-English language documents.

CN1272259A is in Chinese. Liljeryd et al. U.S. Patent No. 6,680,972B1 is provided to serve as an English-language counterpart. The Chinese Official Action serves as a statement of relevance.


CN1532808A is in Chinese. A patent family search is provided; however, no English-language abstract or counterpart are available. The Chinese Official Action serves as a statement of relevance.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: Sept 20, 2006

By: 
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**SECOND
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

SEP 20 2006

Sheet 1 of 1

Application Number	10/734,160
Filing Date	December 15, 2003
First Named Inventor	Jung-hoe Kim et al.
Examiner Name	Unassigned
Attorney Docket No.	1030681-000597

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,680,972	B1	LILJERYD et al.	01-20-2004
	6,438,525	B1	PARK	08-20-2002

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Official Action	IPER	Abstract	Cited in Spec
	1272259	A	CN (Corres. To US 6,680,972B1)	11-01-2000				X		X	
	1532808	A	CN	09-29-2004				X			

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Official Action issued by The State Intellectual Property Office of P.R. China in corres. CN Appln. No. 031648975, April 21, 2006, Beijing, CN; and English translation thereof

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.